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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/083,175	02/26/2002	Dennis Erenberger	10010753-1	5122

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AGILENT TECHNOLOGIES, INC.
Legal Department, DL 429
Intellectual Property Administration
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Loveland, CO 80537-0599

EXAMINER

HARRIS, ANTON B

ART UNIT PAPER NUMBER

2831

DATE MAILED: 08/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/083,175	Applicant(s) ERENBERGER ET AL.	
	Examiner Anton B. Harris	Art Unit 2831	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) ⁴ | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Green et al. (6,127,631).

Regarding claim 1, Green et al. (col. 2, lines 6-67) discloses a cable routing tray, comprising:

a body 200 mounted on an outside surface of the electronic device 105;

a cable routing channel 225 formed on said body 200, said cable routing channel 225 comprising an ingress (col. 2, lines 18-21) which receives an external cable from a first outside face of the electronic device 105, an egress (col. 2, lines 18-21) which outputs said external cable to a second outside face of the electronic device 105, and a guiding path (see figure 7) therebetween which removably routes said external cable between said ingress (col. 2, lines 18-21) and said egress (col. 2, lines 18-21).

Regarding claims 2 and 11, Green et al. (col. 2, lines 6-67) discloses that said cable routing channel 225 comprises a hollow cavity (see figure 7) formed in said body 200, said ingress (col. 2, lines 18-21) comprising an aperture (see figure 7) into said hollow cavity (see

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figure 7) and said egress (col. 2, lines 18-21) comprising an aperture (see figure 7) out of said hollow cavity (see figure 7).

Regarding claims 3 and 12, Green et al. (col. 2, lines 6-67) discloses that said body 200 comprises an aperture (see figure 7) into said hollow cavity (see figure 7) in at least one position along said guiding path (see figure 7) of said cable routing channel 225.

Regarding claims 4 and 13, Green et al. (col. 2, lines 6-67) discloses that said cable routing channel 225 comprises a groove in said body 200.

Regarding claims 5 and 14, Green et al. (col. 2, lines 6-67) discloses that said retainer 260 comprises at least one support structure 260.

Furthermore, the limitations of “for maintaining said external cable positioned in said groove” in claims 5 and 14 has been considered, but does not result in a structural difference. It has been held that a recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus satisfying the claimed structural limitations. *Ex parte Masham*, 2 USPQ2d 1647 (1987).

Regarding claims 6 and 15, Green et al. (col. 2, lines 6-67) discloses that said at least one support structure 260 is a tab.

Regarding claims 7 and 16, Green et al. (col. 2, lines 6-67) discloses that said ingress (col. 2, lines 18-21) is located in proximity to a first edge of said body 200; and said egress (col. 2, lines 18-21) is located in proximity to a different edge of said body 200.

Regarding claim 8, Green et al. (col. 2, lines 6-67) discloses an electronic instrument comprising:

a housing 105,

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an electrical connector 107 positioned on a first outside face of said housing 105; a first cable routing channel 225 formed on a second outside face of said housing 105, said second outside face adjacent to said first outside face of said housing 105, said cable routing channel 225 comprising:

an ingress (col. 2, lines 18-21) in proximity to said electrical connector 107 which receives an external cable 305,

an egress (col. 2, lines 18-21) in proximity to a third outside face of said housing 105 which outputs said external cable 305, and

a guiding path (see figure 7) connecting said ingress (col. 2, lines 18-21) and said egress which removably routes (col. 2, lines 18-21) said external cable between said ingress (col. 2, lines 18-21) and said egress (col. 2, lines 18-21).

Regarding claim 9, Green et al. (col. 2, lines 6-67) discloses an external cable 305 connected to said electrical connector 107, said external cable 305 positionable to extend outwards from said first outside face of said housing 105 or to be routed to said third outside face of said housing 105 through said first cable routing channel 225.

Regarding claim 10, Green et al. (col. 2, lines 6-67) discloses a cable routing tray mounted on said second outside face of said housing 105, said cable routing tray 200 comprising said first cable routing channel 225.

Regarding claim 17, Green et al. (col. 2, lines 6-67) discloses at least one additional cable routing channel 225 formed on a second face of computer housing 105, each of at least one additional cable routing channel 225 comprising a respective ingress (col. 2, lines 18-21) in proximity to at least one additional respective electrical connector 107 on said first outside face

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of a housing 105, a respective egress (col. 2, lines 18-21) in proximity to a third outside face or a fourth outside face of said housing 105 which outputs said external cable 305, and a respective guiding path connecting said respective ingress (col. 2, lines 18-21) and said respective egress (col. 2, lines 18-21).

Regarding claim 18, Green et al. (col. 2, lines 6-67) discloses that a first cable routing channel 225 comprises a second egress (col. 2, lines 18-21) in proximity to a fourth face of a housing 105.

Regarding claim 19, Green et al. (col. 2, lines 6-67) discloses a method comprising: providing on said instrument 105 a routing channel 225 from said first face of said electronic instrument 105 to said second face of said electronic instrument 105, said routing channel 225 comprising an ingress (col. 2, lines 18-21) in proximity to said electrical connector 107, an egress (col. 2, lines 18-21) in proximity to a third face of said housing 105, and a guiding path (figure 7) connecting said ingress (col. 2, lines 18-21) and said egress (col. 2, lines 18-21), a retainer 260 which receives said external cable 305 in said guiding path (see figure 7) when said external cable 305 is routed through said guiding path (figure 7) therebetween which removably routes said external cable 305 between said ingress (col. 2, lines 18-21) and said egress (col. 2, lines 18-21).

Regarding claim 20, Green et al. (col. 2, lines 6-67) discloses a method including the steps of inserting said external cable 305 into said routing channel 225 such that said external cable 305 enters said routing channel 225 at said ingress (col. 2, lines 18-21) and exits said channel 225 at said egress (col. 2, lines 18-21).

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Response to Arguments

5. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.


Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anton B Harris whose telephone number is (571) 272-1976. The examiner can normally be reached on weekdays from 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Dean Reichard, can be reached on (571) 272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

abh

8/18/06


DEAN A. REICHARD
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8/21/06